

DEC 08 2003

PTO/SB/08A (10-01)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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		Complete if Known		
		Application Number	10/706,821	
		Filing Date	November 10, 2003	
		First Named Investor	Dario B. Crosetto	
		Art Unit	Unassigned	
		Examiner Name	Unassigned	
		Attorney Docket Number	510974-600005	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
arp	AA	US-4,559,597	Dec. 17, 1985	Mullani	
arp	AB	US-4,563,582	Jan. 7, 1986	Mullani	
arp	AC	US-4,642,464	Feb. 10, 1987	Mullani	
cpr	AD	US-4,677,299	June 30, 1987	Wong	
bjs	AE	US-555,697 < 755,679	July 5, 1988	Wong	
arp	AF	US-4,864,138	Sep. 5, 1989	Mullani	
arp	AG	US-4,883,966	Nov. 28, 1989	Wong	
arp	AH	US-5,210,420	May 11, 1993	Hartz et al.	
arp	AI	US-5,241,181	Aug. 31, 1993	Mertens et al.	
arp	AJ	US-5,272,344	Dec. 21, 1993	Williams	
arp	AK	US-5,300,782	Apr. 5, 1994	Johnson et al.	
arp	AL	US-5,430,229	July 4, 1995	Voss	
arp	AM	US-5,453,623	Sep. 26, 1995	Wong et al.	
arp	AN	US-5,602,395	Feb. 11, 1997	Nellemann et al.	
arp	AO	US-5,608,221	Mar. 4, 1997	Bertelson et al.	
arp	AP	US-5,703,369	Dec. 30, 1997	Mori	
arp	AQ	US-5,753,917	May 19, 1998	Engdahl	
arp	AR	US-5,757,006	May 26, 1998	DeVito et al.	
arp	AS	US-5,760,401	June 2, 1998	Nellemann et al.	
arp	AT	US-5,841,140	Nov. 24, 1998	McCroskey et al.	
arp	AU	US-5,847,396	Dec. 8, 1998	Lingren et al.	
arp	AV	US-5,969,358	Oct. 19, 1999	DiFilippo et al.	
arp	AW	US-5,986,266	Nov. 16, 1999	Andreaco et al.	
arp	AX	US-5,998,793	Dec. 7, 1999	Shao et al.	
arp	AY	US-6,008,493	Dec. 28, 1999	Shao et al.	

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Examiner Name	Unassigned

Attorney Docket Number

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apn	AZ	US-6,140,650	Oct. 31, 2000	Berlad	
apn	ABA	US-60/204,900	May 16, 2000	Crosetto	
apn	ABB	US-60/215,667	June 30, 2000	Crosetto	
apn	ABC	US-60/250,615	Nov. 30, 2000	Crosetto	
apn	ABD	US-60/258,204	Dec. 20, 2000	Crosetto	
apn	ABE	US-60/261,387	Jan. 15, 2001	Crosetto	
apn	ABF	US-60/309,018	July 31, 2001	Crosetto	
apn	ABG	US-60/424,933	Nov. 9, 2002	Crosetto	
apn	ABH	US-5,907,593	May 25, 1999	Hsieh et al.	
apn	AGI	US-5,937,202	Aug. 10, 1999	Crosetto	
apn	AGJ	US-5,949,842	Sep. 7, 1999	Schafer et al.	
apn	AGK	US-6,035,013	Mar. 7, 2000	Orava et al.	

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		Foreign Patent Document			
Examiner Initials*	Cite No. ¹	Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GW	BA	CA 2,252,993	May 6, 2000	Saoudi et al.	
GW	BB	CA 1245375	Nov. 22, 1988	Lecomte	

Examiner Signature	<i>an</i>	Date Considered	11/4/06
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Substitute for form 1449B/P-7D

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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ABR	CA	KARP, Joel S. et al., "Performance Standards in Positron Emission Tomography," Journal of Nuclear Medicine, Dec. 1991, pp. 2342-2350, Vol. 12, No. 32.	
ABR	CB	WATSON, C.C. et al., "Design and Performance of a Single Photo Transmission Measurement for the ECAT ART," Siemens ECAT ART.	
ABR	CC	SEIDEL, J. et al., "Experimental Estimates of the Absolute Sensitivity of a Small Animal PET Scanner with Depth-of-Interaction Capability," EEEE 2000-777.	
ABR	CD	Technical Data, "Nuclear Medicine/PET, Discovery VI," GE Medical Systems, Feb. 2002.	
ABR	CE	"Advance NXi, Whole-Body Positron Emission Tomography System S9110NF/S9110NM," GE Medical Systems, 2000.	
ABR	CF	JOHNSTON, Brian D. et al., "Automated Data Acquisition and Analysis for Evaluation of PET Detector Units," General Electric Systems, pp. 873-875, Milwaukee, WI.	
ABR	CG	LEWELLEN, T.K. et al., "Investigation of the Performance of the General Electric ADVANCE Positron Emission Tomograph in 3D Mode," IEEE Transactions on Nuclear Medicine, Aug. 1996, pp. 2199-2206, Vol. 43, No. 4.	
ABR	CH	LEWELLEN, T.K. et al., "Investigation of the Count Rate Performance of General Electric Advance Positron Emission Tomograph," IEEE Transactions on Nuclear Science, Aug. 1995, pp. 1051-1057.	
ABR	CI	SMITH, R.J. et al., "A Practical Method for Randoms Subtraction in Volume Imaging PET from Detector Singles Countrate Measurements," University of PA, Dept. of Radiology, 1996, pp. 992-996, Philadelphia, PA.	
ABR	CJ	CUTLER, P. Duffy et al., "An Approximate Method for Acquisition and Reconstruction of Volumetric PET Data," IEEE, 1994, pp. 1209-1211.	
ABR	CK	SMITH, Robin J. et al., "The Countrate Performance of the Volume Imaging PENN-PET Scanner," IEEE Transactions on Medical Imaging, Dec. 1994, pp. 610-618, Vol. 13, No. 4.	
ABR	CL	MOISAN, c. ET AL., "A Count Rate Model for PET and Its Applications to an LSO HR PLUS Scanner," IEEE, 1997, pp. 1186-1190.	
ABR	CM	BUDINGER, Thomas F., "PET Instrumentation: What are the Limits?" Seminars in Nuclear Medicine, July 1998, pp. 247-267, Vol. XXVIII, No. 3.	
ABR	CN	WEAR, James A., "A Model of the High Count Rate Performance of NaI (Tl)-Based PET Detectors," IEEE, 1998, pp. 1203-1207.	
Examiner Signature	<i>C</i>		Date Considered 1/4/06

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Attorney Docket Number	510974-600005		

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<i>CB</i>	CO	SMITH, R.J. et al., "Methods to Optimize Whole Body Surveys with C-PET Camera," IEEE, 2000.	
<i>AW</i>	CP	KOPS, Elena Rota et al., "Performance Characteristics of an Eight-Ring Whole Body PET Scanner," Journal of Computer Assisted Tomography, 1990, pp. 437-445, Vol. 14, No. 3.	
<i>WJ</i>	CP	CHERRY, Simon R., "Recent advances in instrumentation for positron emission tomography," Nuclear Instruments & Methods in Physics Research, 1994, pp. 577-582.	
<i>AW</i>	CQ	PAANS, A.M.J., "The Imaging of Positron Emitters in Single Photon and Coincidence Mode: Evaluation of SPECT and PET Systems," 18 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Amsterdam, 1996, 3.6.2.: PET and SPECT Imaging.	
<i>AW</i>	CR	KARP, J.S., et al., "Performance Measurements for the GSO-based Brain PET Camera (G-PET)," University of PA, Dept. of Radiology.	
<i>AW</i>	CS	BANDETTINI, A. et al., "An electronic coincidence triggering system for 'in-frame' DAQ from a double side μ -strip silicon detector exposed to X-rays," IEEE, 1993, pp. 517-519.	
<i>AW</i>	CT	MANKOFF, D.A. et al., "A local coincidence triggering system for PET tomographs composed of large-area positron-sensitive detectors," IEEE Transactions on Nuclear Science, Apr. 1990, pp. 730-736, Vol. 37, No. 2.	
<i>AW</i>	CU	DENT, H.M. et al., "A real time digital coincidence processor for positron emission tomography," IEEE Transactions on Nuclear Science, Feb. 1986, pp. 556-559-Vol. 33, No. 1.	
<i>AW</i>	CV	MERTENS, J.D. et al., "Digital Coincidence Detection: A Scanning VLSI Implementation," IEEE Transactions on Nuclear Science, Dec. 1993, Vol. 40.	
<i>AW</i>	CW	KARP, J.S. et al., "Event localization in a continuous scintillation detector using digital processing," IEEE Transactions on Nuclear Science, Feb. 1986, pp. 550-555, Vol. 33, No. 1.	
<i>GK</i>	CX	FREIFELDER, Richard, "Design and Performance of the HEAD PENN-PET Scanner," IEEE Transactions on Nuclear Science, Aug. 1994, pp. 1436-1440, Vol. 41, No. 4.	
<i>AW</i>	CY	KARP, J.S. et al., "Factors Affecting Accuracy and Precision in PET Volume Imaging," Journal of Cerebral Blood Flow and Metabolism, 1991, pp. A38-A-44, Vol. 11.	
<i>AW</i>	CZ	KARP, Joel S., "Effect of Increased Axial Field of View on the Performance of a Volume PET Scanner," Nuclear Science Symposium and Med. Imaging Conference, 1991, Conference Record of the 1991 IEEE, 1991, pp. 1574-1578, Vol. 3.	
Examiner Signature		Date Considered	<i>1/4/06</i>

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Substitute for form 1449B/PYO

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Sheet

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Complete if Known

Application Number	10/706,821
Filing Date	November 10, 2003
First Named Investor	Dario B. Crosetto
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	510974-600005

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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CBK	CAA	KARP, J.S. et al., "Evaluation of Volume Imaging with the HEAD PENN-PET Scanner," University of PA, Department of Radiology, 1995, IEEE, 1995, pp. 1877-1881.	
CBK	CAB	KARP, Joel S. et al., "Three-Dimensional Imaging Characteristics of the HEAD PENN-PET Scanner," Journal of Nuclear Medicine, Apr. 1997, pp. 636-643, Vol. 38, No. 4.	
CBK	CAC	Technical Data, ECAT® ACCEL Tomograph.	
CBK	CAD	Saoudi, A. et al., "Investigation of Depth-of-Interaction by Pulse Shape Discrimination in Multicrystal Detectors Read Out by Avalanche Photodiodes," NSS Conference, 1998 IEEE, 1998, pp. 1078-1082, Vol. 2.	
CBK	CAE	FREIFELDER, R. et al., "Data acquisition with a positron emission tomograph," http://www.lecroy.com/lrs/EPP/freif.htm .	
CBK	CAF	NEWPORT, D.F. et al., "An ASIC Implementation of Digital Front-End Electronics for a High Resolution PET Scanner," IEEE Transactions on Nuclear Science, Aug. 1993, pp. 1017-1019, Vol. 40, No. 4.	
CBK	CAG	PAULUS, Michael J. et al., A Low-Noise, Wide-Band CMOS Charge-sensitive Preamplifier for use with APD/LSO PET Detectors," IEEE Transactions on Nuclear Science, June 1996, pp. 1666-1671, Vol. 43, No. 3.	
CBK	CAH	SHAO, Yiping, "A Study of Depth of Interaction Measurement Using Bent Optical Fibers," Crump Institute of Biological Imaging, Dept. of Molecular and Medical Pharmacology, UCLA School of Medicine, 1999, pp. 1440-1444.	
CBK	CAI	DERENZO, S.E., "Initial Characterization of a Positron-Sensitive Photodiode/BGO Detector for PET," IEEE Transactions for Nuclear Science, Feb. 1989, pp. 1084-1089, Vol. 36, No. 1.	
CBK	CAJ	HUBER, J.S., "Calibration of a PET Detector Module that Measures Depth of Interaction," IEEE Transactions on Nuclear Science, June 1998, pp. 1268-1272, Vol. 45, No. 3.	
CBK	CAK	YAMAMOTO, S., "A GSO depth of interaction detector for PET," IEEE Transactions on Nuclear Science, June 1998, pp. 1078-1082, Vol. 45, No. 3.	
Examiner Signature	<i>an</i>		Date Considered 1/17/05

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PTO/SB/08B (10-01)

Substitute for form 1449B/PTO-5

**INFORMATION DISCLOSURE
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Sheet

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of

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Completed If Known	
Application Number	10/706,821
Filing Date	November 10, 2003
First Named Inventor	Dario B. Crosetto
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	510974-600005

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
GW	CAL	YOUNG, J.W. et al., "Optimum Bandwidth Usage in Digital Coincidence Detection for PET," CTI PET Systems, Inc., 1994, pp. 1205-1208.	
WJW	CAM	MUEHLLEHNER, G. et al., "A hexagonal bar positron camera: problems and solutions," IEEE Transactions on Nuclear Science, Feb. 1983, pp. 652-659, Vol. NS-30, No. 1.	
WJW	CAN	JONES, W.F. et al., "Next Generation PET Data Acquisition Architectures," NSS 95 Conference Record, 1997, pp. 1202-1207, Vol. 44, No. 3.	
AWP	CAO	BINKLEY, David M. et al., "A Custom CMOS Integrated Circuit for PET Tomograph Front-End Applications," IEEE, 1994, pp. 867-871.	
AWP	CAP	CUTLER, P. Duffy et al., "Use of Digital Front-End Electronics for Optimization of a Modular PET Detector," IEEE Transactions on Medical Imaging, June 1994, pp. 408-418, Vol. 13, No. 2.	
AWP	CAQ	YOUNG, John W. et al., "FPGA Based Front-End Electronics for a High Resolution PET Scanner," CTI PET Systems, Inc.	
AWP	CAR	YU, Haiming et al., "A High-Speed and High-Precision Winner-Select-Output (WSO) ASIC, pp. 656-660, University of Washington Medical Center, Seattle, WA.	
AWP	CAS	STENSTROM, P. et al., "Evaluation of a Data Acquisition System for SPECT (PET)," IEEE, 2000.	
AWP	CAT	RAMSDEN, Z. He et al., "Two Data Acquisition And Processing Systems For A Compact Gamma-Camera, IEEE Transactions on Nuclear Science, Aug. 1993, pp. 1165-1168, Vol. 40, No. 4.	
GW	CAU	CHERRY, Simon R. et al., "Optical Fiber Readout of Scintillator Arrays using a Multi-Channel PMT: A High Resolution PET Detector for Animal Imaging," IEEE Transactions on Nuclear Science, June 1996, pp. 1932-1937, Vol. 43, No. 3.	
AWP	CAV	LEWELLEN, T.K. et al., "An XYE Acquisition Interface for General Electric Starcam Anger Cameras," University of Washington, Seattle, Washington, pp. 1861-1865.	
AWP	CAW	LEWELLEN, T.K. et al., "A Data Acquisition System for Coincidence Imaging Using a Conventional Dual Head Gamma Camera," IEEE, 1997, pp. 1305-1309.	
AWP	CAX	BINKLEY, David M. et al., "An Electronic Detector Simulator for Testing Positron, Energy, and Timing Spectral Performance of Detector Electronics," CTI PET Systems, Inc., No Date.	
Examiner Signature	<i>[Signature]</i>		Date Considered 1/4/06

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CBY	CBY	LI, HONG DI et al., "Electronics for a Prototype Variable Field of View PET Camera Using the PMT-Quadrant-Sharing Detector Array," IEEE, 1999, pp. 1227-1231.	
CBZ	CBZ	BINKLEY, David M. et al., "A Monolithic 2μm CMOS Constant-Fraction Discriminator for Moderate Time Resolution Systems," IEEE Transactions on Nuclear Science, Dec. 1991, pp. 1754-1759, Vol. 38, No. 6.	
CCA	CCA	HUBER, J.S. et al., "Characterization of a 64 Channel PET Detector Using Photodiodes for Crystal Identification," IEEE Transactions on Nuclear Science, June 1997, pp. 1197-1201, Vol. 44, No. 3.	
CCB	CCB	SIEGEL, Stefan et al., "Development of Continuous Detectors for a High Resolution Animal PET System," IEEE Conference Record, 1994, pp. 1662-1666.	
CCC	CCC	HUBER, J.S. et al., "Conceptual Design of a High-Sensitivity Small Animal PET Camera with 4π Coverage," IEEE Transactions on Nuclear Science, June 1999, pp. 498-502, Vol. 46, No. 3.	
CCD	CCD	MOSES, W.W. et al., "Performance of a PET Detector Module Utilizing an Array of Silicon Photodiodes to Identify the Crystal of Interaction," IEEE Transactions on Nuclear Science, Aug. 1993, pp. 1036-1040, Vol. 40, No. 4.	
CCE	CCE	GRUBER, G.J. et al., "A Discrete Scintillation Camera Module Using Silicon Photodiode Readout of CsI(Tl) Crystals for Breast Cancer Imaging," IEEE Transactions on Nuclear Science, June 1998, pp. 1063-1068, Vol. 45, No. 3.	
CCF	CCF	HUBER, J.S., "A LSO Scintillator Array for a PET Detector Module with depth of Interaction Measurement," IEEE, pp. 14-46 - 14-50.	
CCG	CCG	CORREIA, J.A. et al., "Performance of Small Animal PET Instrument with 1mm Resolution," IEEE, 2000.	
CCH	CCH	McINTYRE, "A Positron Emission Tomograph Designed for 3/4 mm Resolution," IEEE, 1995, pp. 1357-1361.	
CCI	CCI	DAHLBOM, Magnus et al., "Design Study of Future 3-D PET Systems," IEEE, 1995, pp. 1667-1671.	
CCJ	CCJ	CASEY, M.E. et al., "Investigation of LSO Crystals for High Spatial Resolution Positron Emission Tomography," IEEE Transactions on Nuclear Science, June 1997, pp. 1109-1113, Vol. 44, No. 3.	
CCK	CCK	ROGERS, Joel G. et al., "Testing 144- and 256-crystal BGO Block Detectors," IEEE, NSS MIC Conference Record 1993, pp. 183701841, Vol. 3.	
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CBN	CCL	MOISAN, C. et al., "Simulating the Performances of an LSO Based Position Encoding Detector for PET," IEEE, 1997, pp. 1211-1215.	
AVR	CCM	FICKE, D.C. et al., "A GSO(Ce) Block Type Detector for High Count Rate PET Applications," IEEE, 1995, pp. 1859-1863.	
AWW	CCN	SAOUDI, A. et al., "A Novel APD-Based Detector Module for Multi-Modality PET/SPECT/CT Scanners," IEEE, 1999, pp. 1089-1093.	
AWW	CCO	LECOMTE, R. et al., "An APD-based Quad Scintillator Detector Module with Pulse Shape Discrimination Coding for PET," IEEE, 1999, pp. 1445-1447.	
ANV	CCP	LECOMTE, R. et al., "Investigation of GSO, LSO and YSO Scintillators using Reverse Avalanche Photodiodes," IEEE, 1998, 212-216.	
ANV	CCQ	ROGERS, J.G. et al., "An Improved Multicrystal 2-D BGO Detector for PET," IEEE Transactions on Nuclear Science, 1992, pp. 1063-1068, Vol. 39, No. 4	
ANV	CCR	MOSES, William W. et al., "PET detector modules based on novel detector technologies," Nuclear Instruments and Methods in Physics Research A 353, 1994, pp. 189-194.	
ANV	CCS	DEL GUERRA, A. et al., "YAP-PET: a small animal Positron Emission Tomograph based on YAP:Ce finger crystals. No date.	
ANV	CCT	VITTORI, F. et al., "The YAP Camera: An accurate Gamma Camera Particularly Suitable for New Radiopharmaceuticals Research," IEEE Transactions on Nuclear Science, Feb. 1997, pp. 47-53, Vol. 44, No. 1.	
ANV	CCU	ROGERS, Joel G. et al., "A Practical Block Detector for a Depth Encoding PET Camera," 1996, pp. 1637-1641.	
ANV	CCV	CHERRY, Simon R. et al., "A Comparison of PET Detector Modules Employing Rectangular and Round Photomultiplier Tubes," IEEE Transactions on Nuclear Science, Aug. 1995, pp. 1064-1068, Vol. 42, No. 4.	
ANV	CCW	WIENHARD, Klaus et al., "Performance Evaluation of the Positron Scanner ECAT EXACT," Journal of Computer Assisted Tomography, Sep./Oct. 1992, pp. 804-813, Vol. 16, No. 5.	
ANV	CCX	SPINKS, T.J. et al., "Performance of a new 3D-only PET scanner - the EXACT3D," IEEE 1997, pp. 1275-1279.	
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Complete if Known	
Application Number	10/705,821
Filing Date	November 10, 2003
First Named Inventor	Dario B. Crosetto
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	510974-600005

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
CCY	SPINKS, T.J. et al., "Physical characteristics of the ECAT EXACT3D positron tomograph," Phys. Med. Biol., 2000, pp. 2601-2018.		
CCZ	WIENHARD K. et al., "The ECAT HRRT: Performance and First Clinical Application of the New High Resolution Research Tomograph," No Date.		
CDA	DAHLBOM, M. et al., "Performance of a YSO/LSO Phoswich Detector for use in a PET/SPECT System," IEEE Transactions on Nuclear Science, June 1997, pp. 1114-1120, Vol. 44, No. 3.		
CDB	CHERRY, S.R. et al., "MicroPET: A High Resolution PET Scanner for Imaging Small Animals," IEEE Transactions on Nuclear Science, June 1997, Vol. 44, No. 3.		
CDC	DALBOM, M. et al., "Whole-Body Positron Emission Tomography: Part I. Methods and Performance Characteristics," Journal of Nuclear Medicine, June 1992, pp. 1191-1199, Vol. 33, No. 6.		
CDD	MORENO-CANTU, J.J. et al., "Evaluation of the ECAT EXACT HR + 3D PET Scanner in ¹⁵ O-water Brain Activation Studies," IEEE, 1997, pp. 1280-1284.		
CDE	DAHLBOM, Magnus et al., "Methods for Improving Image Quality in Whole Body PET Scanning," IEEE Conference Record 1991, pp. 1587-1382.		
CDF	BRUCKBAUER, T. et al., "Evaluation of the ECAT EXCAT HR with ACSII for Clinical Routine 3D Measurements," 1996, pp. 1378-1382.		
CDG	MORENO-CANTU, J.J. et al., "Evaluation of the ECAT EXACT HR + 3D PET Scanner in ¹⁵ O-water Brain Activation Studies: Dose Fractionation Strategies for rCBF and Signal Enhancing Protocols," IEEE Transactions on Medical Imaging, Dec. 1998, pp. 979-985, Vol. 17, No. 6.		
CDH	SHAO, Yiping et al., "Evaluation of Multi-Channel PMT's for Readout of Scintillator Arrays," 1996, pp. 1055, 1059.		
CDI	SCHMAND, M. et al., "Performance Evaluation of a New LSO High Resolution Research Tomography - HRRT," No Date.		
CDJ	BRIX, Gunnar et al., "Performance Evaluation of a Whole-Body PET Scanner Using the NEMA Protocol," Journal of Nuclear Medicine, Oct. 1997, pp. 1614-1623.		
CDK	CROSETTO, Dario B., "A modular VME or IBM PC based data acquisition for multi-modality PET/CT scanners of difference sizes and detector types," Presented at the IEEE Nuclear Science Symposium and Medical Imaging Conference, Lyon, France, 2000, pp. 1-20.		
Examiner Signature		Date Considered	1/14/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO U.S. PATENT AND TRADEMARK OFFICE			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/706,821	
			Filing Date	November 10, 2003	
			First Named Investor	Dario B. Crosetto	
			Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	8	of	8	Attorney Docket Number	510974-600005

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
DBV	CDL	CROSETTO, Dario B., "Real-time, programmable, digital signal-processing electronics for extracting the information from a detector module for multi-modality PET/SPECT/CT scanners," Presented at the IEEE Nuclear Science Symposium and Medical Imaging Conference, Lyon, France, 2000, pp. 1-8.			
DBV	CDM	CROSETTO, Dario B., "Saving lives through early cancer detection: Breaking the current PET efficiency barrier with the 3D-CBS," Presented on May 16, 2001 at the University of Geneva, Switzerland.			
DBV	CDN	CROSETTO, Dario B., "400+ times improved PET efficiency for lower-dose radiation, lower-cost cancer screening," 2000, pp. 1-200.			
WPF	CDO	Wienhard, Klaus et al., "The ECAT EXACT HR: Performance of a New High Resolution Positron Scanner," Journal of Computer Assisted Tomography, pp. 110-118; January/February 1994.			
DBV	CDP	DeGrado, Timothy R. et al., "Performance Characteristics of a Whole-Body PET Scanner," The Journal of Nuclear Medicine, August 1994, pp. 1398-1406, Vol. 35, No. 8.			
DBV	CDQ	Smith, Wesley et al., "Calorimeter Trigger," Technical Overview, DoE/NSF Review, pp. 1-29; http://www.hep.wisc.edu/wsmith/cms/Lehman98_Cal.pdf , May 1998.			
DBV	CDR	Beigbeder, Christopher et al., "An Update of the 2x2 Implementation for the Level 1 Calorimeter Triggers," LHCb 99-007, pp. 1-15, 29 April 1999.			
DBV	CDS	Eisenhandler, Eric, "Hardware Triggers at the LHC," pp. 47-56.			
DBV	CDT	Lackey, J. et al., "CMS Calorimeter Level 1 Regional Trigger - Conceptual Design," CMS Note 1998/074, November 13, 1998.			
DBV	CDU	Crosetto, Dario B., "Detailed Design of the Digital Electronics Interfacing Detectors, First-Level Triggers, and Higher Levels of Trigger with Flexible Configuration Parameters," LHCb 99-006, TRIG, 30 March 1999.			
DBV	CDV	Technical Data, "biograph - The Imager for Life," Siemens Medical Systems, Inc., Journal of Nuclear Medicine, May 2001, article 369, p. 998.			
Examiner Signature				Date Considered	11/4/06

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